

FIG. 1

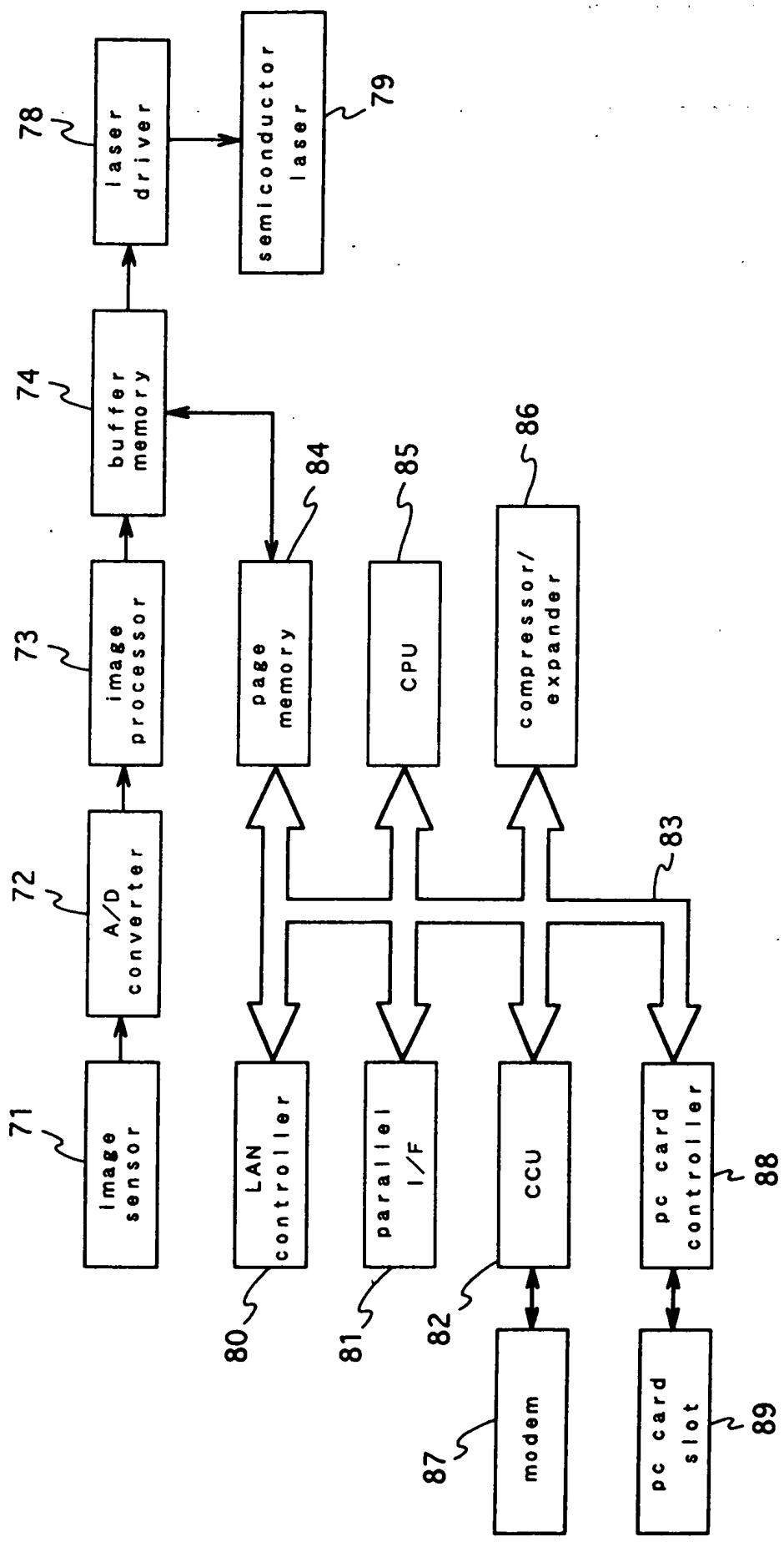


FIG. 2

PaperSize	A4, A4R, B4, A3, B5, B5R
Resolution	400, 600
GrayLevel	1, 2, 4, 8
FileFormat	TIFF, JPEG, PCL5
TIFFCompression G3, G4, RLE, LZW	
BothSidePrint	No, Yes
CenterBinding	No, Yes
Sort	No, Stack, Sort
MaxSort	20
MaxStack	100
Staple	No, Yes
StaplePosition 1, 2, 3, 4	
MaxStapleSheets 50	
Punch	No, Yes
MaxPunchSheet	50

FIG. 3

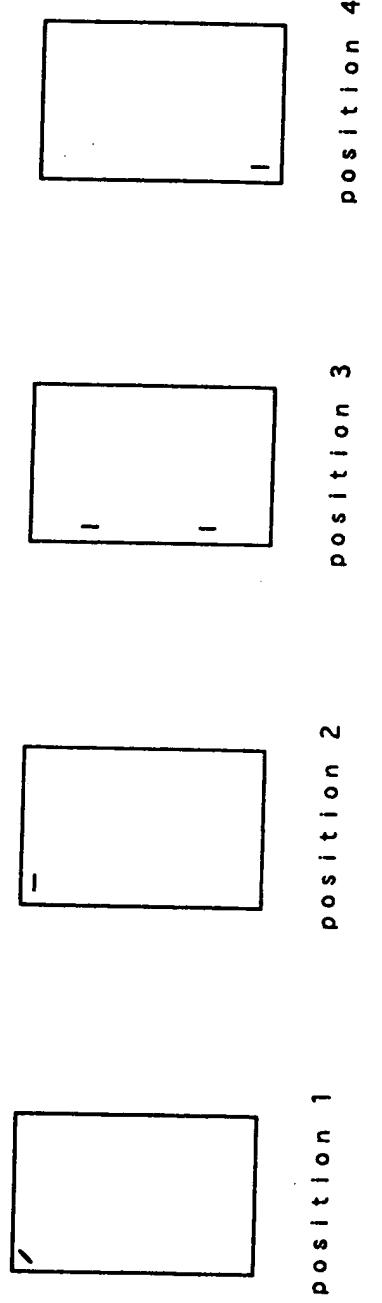


FIG. 4

Printing Function Dialong Box

START Page-END Page	1 13	999
Copies		
Paper Size	<input checked="" type="radio"/> A4 <input type="radio"/> A4R <input type="radio"/> B4 <input type="radio"/> A3 <input type="radio"/> B5 <input type="radio"/> B5R	
Resolution [DPI]	<input type="radio"/> 400 <input checked="" type="radio"/> 600	
GrayLevel [BIT/PIXEL]	<input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 4 <input type="radio"/> 8	
File Format	<input checked="" type="radio"/> TIFF <input type="radio"/> JPEG <input type="radio"/> PCL5	
TIFF Compression	<input type="radio"/> G3 <input checked="" type="radio"/> G4 <input type="radio"/> ORLE <input type="radio"/> OLZW	
Both Side Printing	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Center Binding	<input checked="" type="radio"/> No	<input type="radio"/> Yes
Sorting Condition	<input type="radio"/> No	<input type="radio"/> Stack <input checked="" type="radio"/> Sort
Staple	<input type="radio"/> No	<input checked="" type="radio"/> Yes
Staple Position	<input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	
Punch	<input checked="" type="radio"/> No	<input type="radio"/> Yes
DataFileName	<input type="text" value="sample"/>	
<input type="button" value="OK"/> <input type="button" value="Cancel"/>		

FIG. 5

Reset
Copies 13
PaperSize A4
Resolution 600
GrayLevel 1
FileFormat TIFF
TIFFCompression G4
BothSidePrint Yes
CenterBinding No
Sort Sort
Staple Yes
StaplePosition 1
Punch No
DataFile sample.tif

FIG. 6

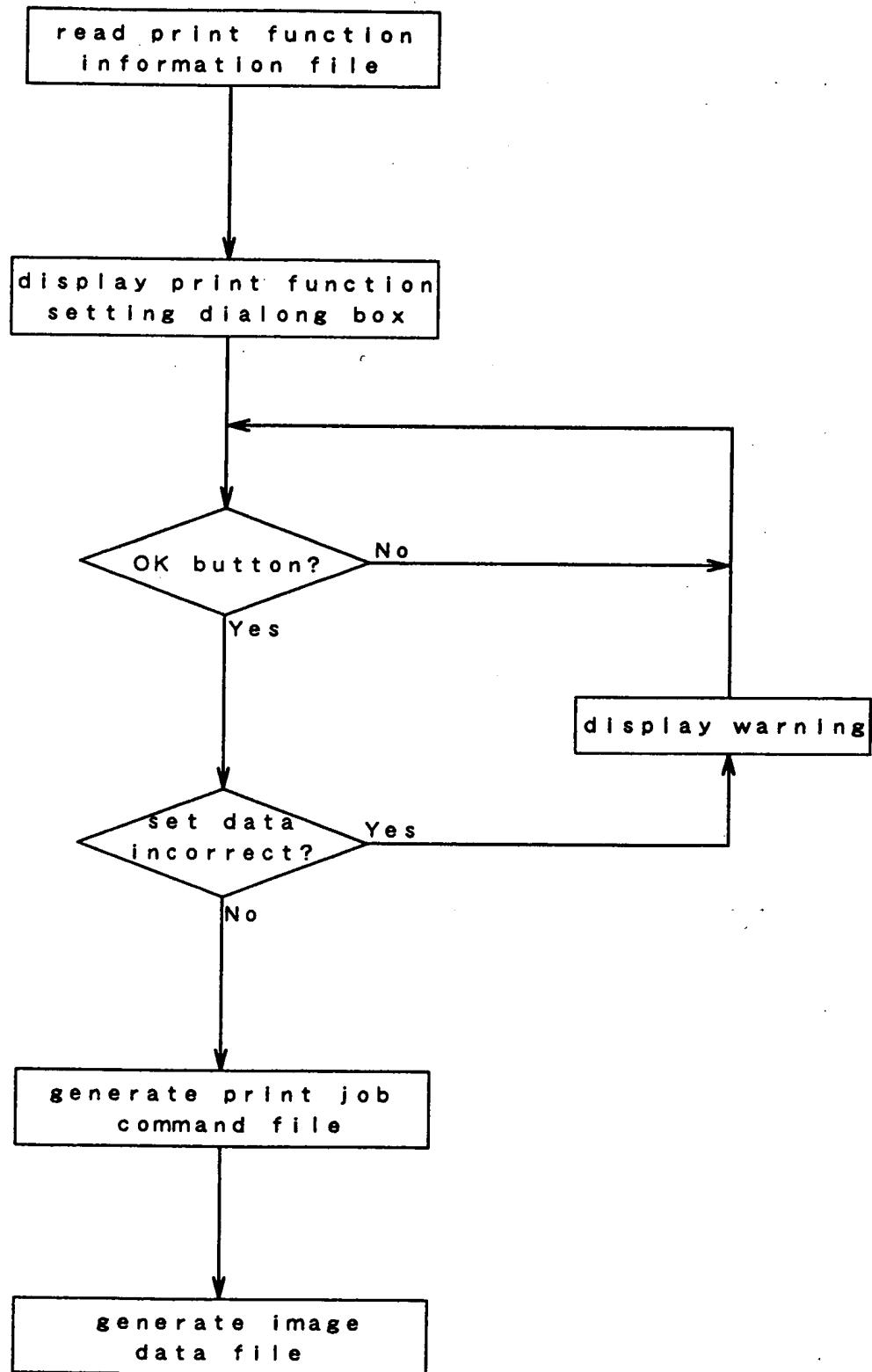
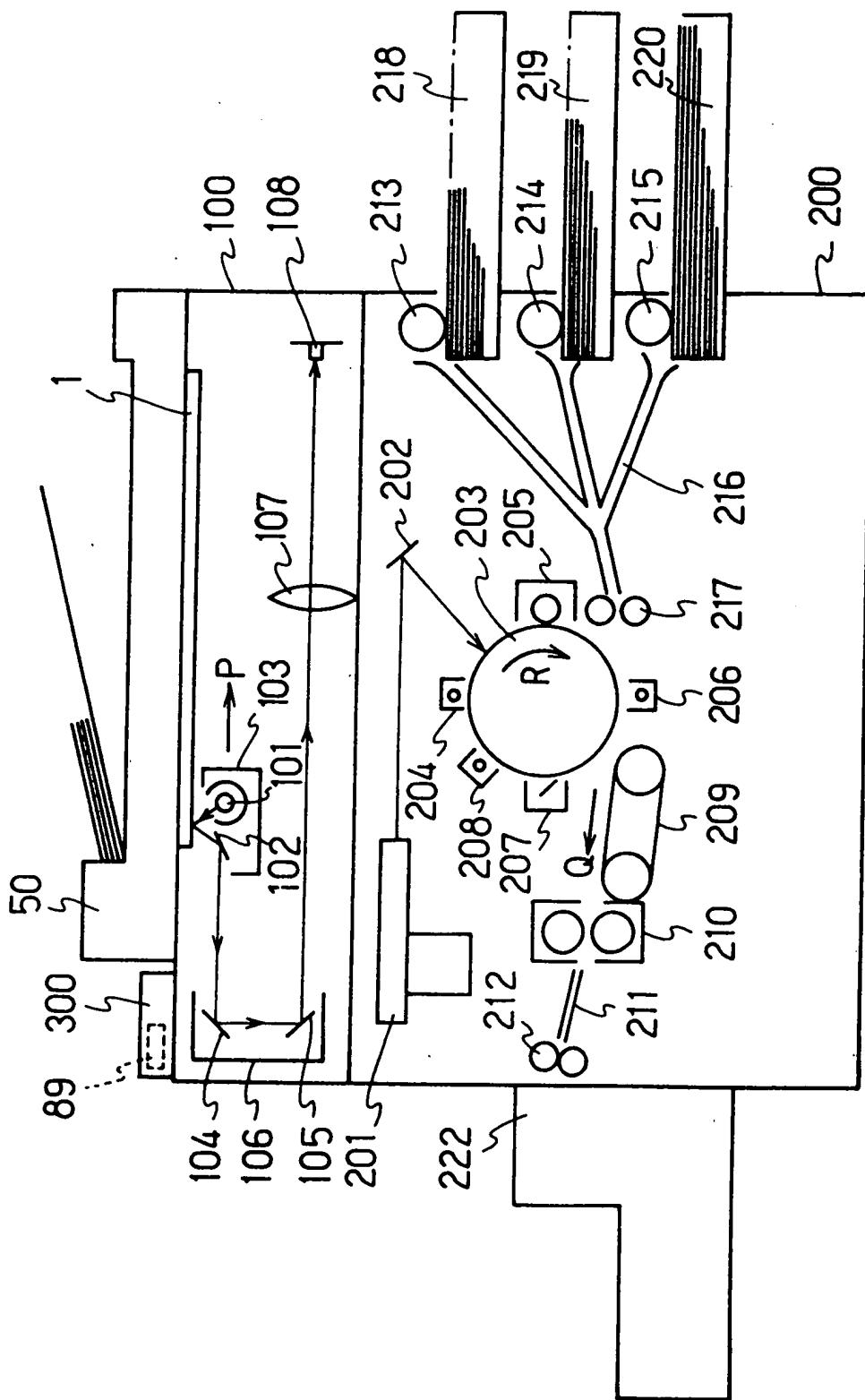


FIG. 7

FIG. 8



PaperSize	Auto, A4, A4R, B4, A3, B5, B5R
PaperFeed	Auto, ADF, FlatBed
MAXResolution	400
MINResolution	25
GrayLevel	1,2,4,8
Halftone	BI, DT, ED
FileFormat	TIFF, BMP, JPEG
TIFFCompression	G3, G4, RLE, LZW
BothSideScan	No, Yes
Contrast	Auto, -2, -1, 0, 1, 2
Density	Auto, -2, -1, 0, 1, 2
EdgeEnhance	Auto, -2, -1, 0, 1, 2
ScanArea	No, Yes
ScanAreaUnit	mm

FIG. 9

Scanning Function Dialog Box

Paper Size **Auto** **OA4** **OA4R** **OB4** **OA3** **OB5** **OB5R**

Paper Feed **Auto** **OADF** **OFlatBed**

Scanning Resolution [DPI] 100 [25-400]

Gray Level [BIT/PIXEL] 01 02 04 08

Halftone Processing Binarizing Odit

ÉTÉ 2005

1999-2000: *Journal of the American Statistical Association* (JASA) and *Journal of the Royal Statistical Society, Series B* (JRSSB) are merged into a single journal, *Journal of the Royal Statistical Society, Series B: Statistical Methodology* (JRSSB).

Both sides scanning **ON** **YES**

Contrast Auto 0-2 0-1 00 01 02

Density ●Auto 0-2 0-1 00 01 02

Edge Enhancement ●Auto 0-2 0-1 00 01 02

Scanning Area Setting ONo Yes

Scanning Area Upper-Left Position [mm] X= 10 Y= 20

Scanning Area Length Upper-Left [mm] X= 60 Y= 70

Data File Name sample

OK

Cancel

FIG. 10

```
Reset
PaperSize Auto
PaperFeed Auto
Resolution 100
GrayLevel 1
Halftone BI
FileFormat TIFF
TIFFCompression G4
BothSideScan Yes
Contrast Auto
Density Auto
EdgeEnhance Auto
ScanArea Yes
ScanAreaPosition 10, 20
ScanAreaLength 60, 70
DataFile sample.tif
```

FIG. 11

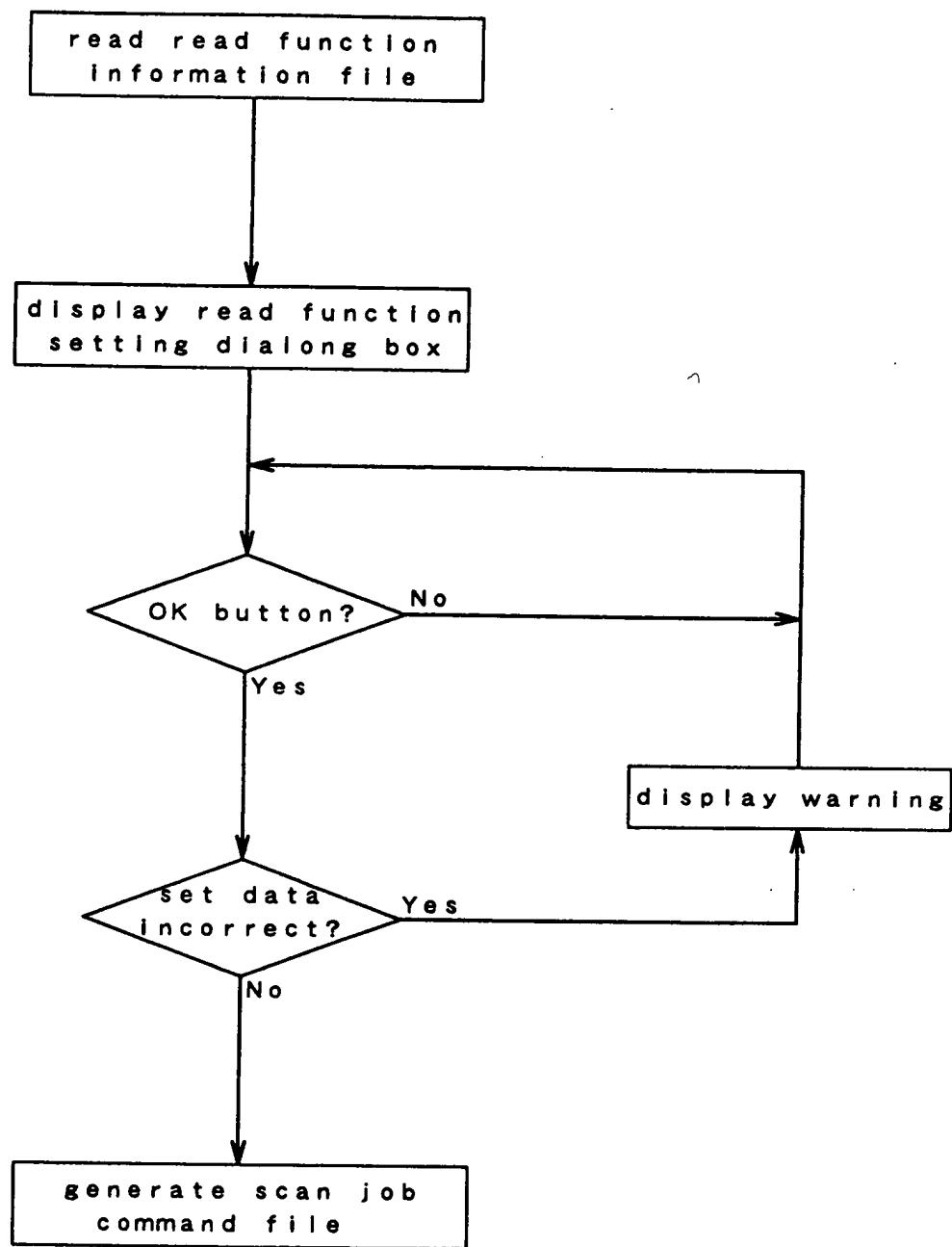


FIG. 12

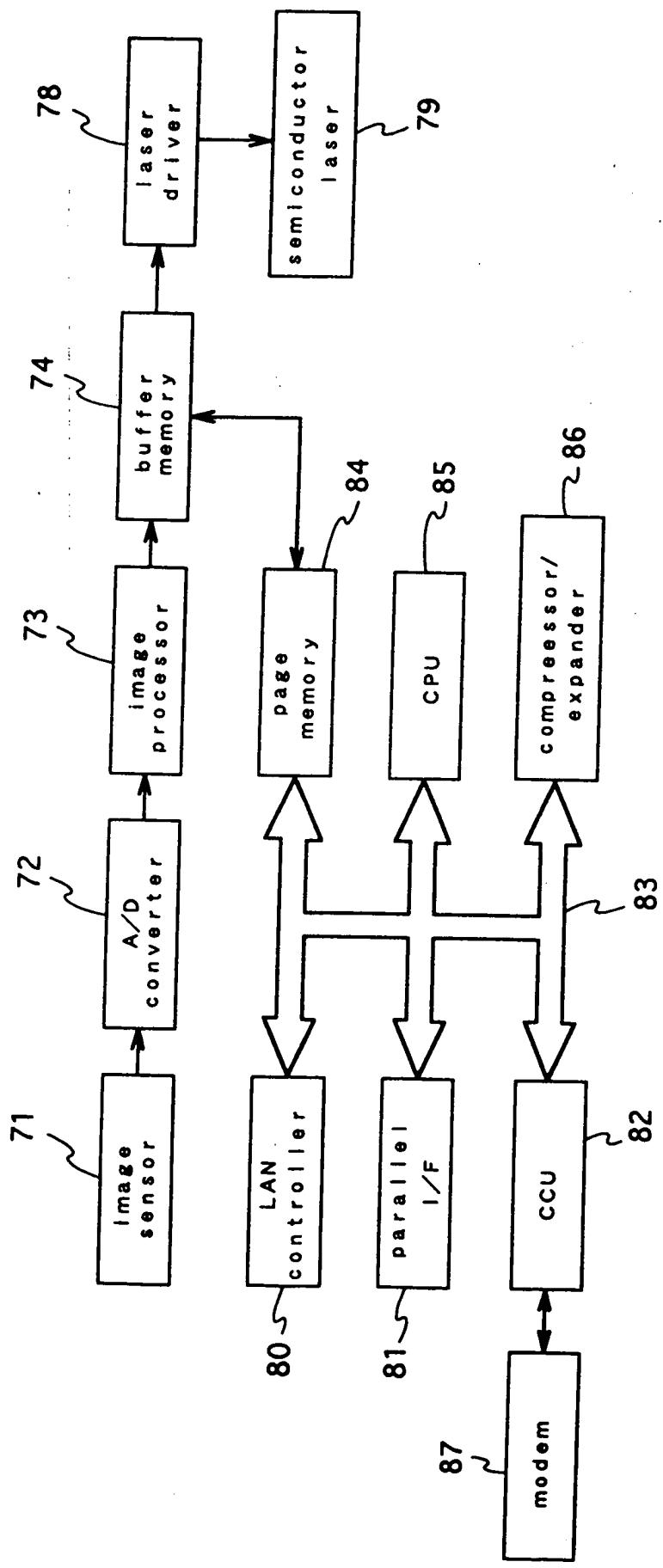


FIG. 13 (PRIOR ART)

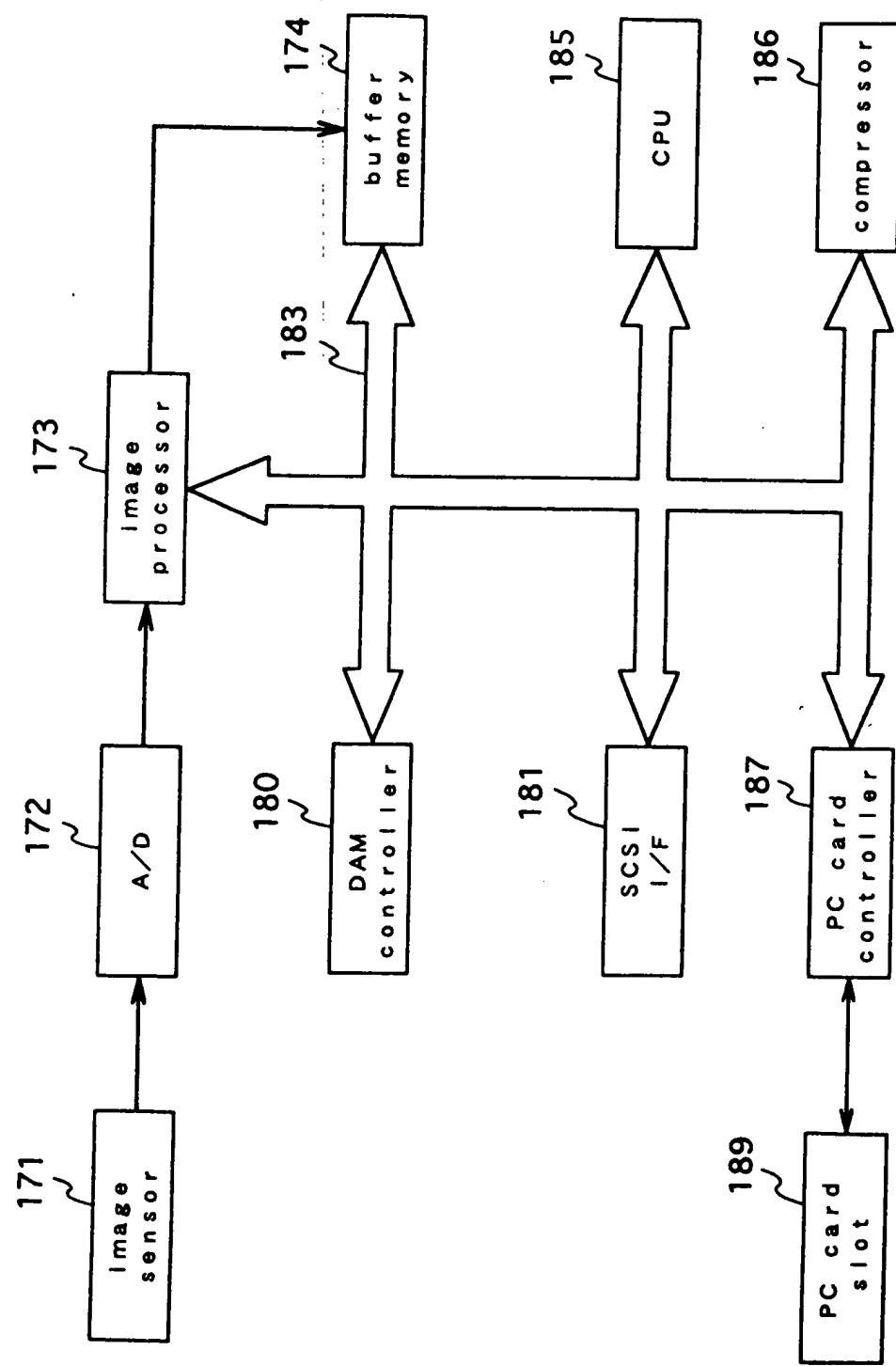


FIG. 14

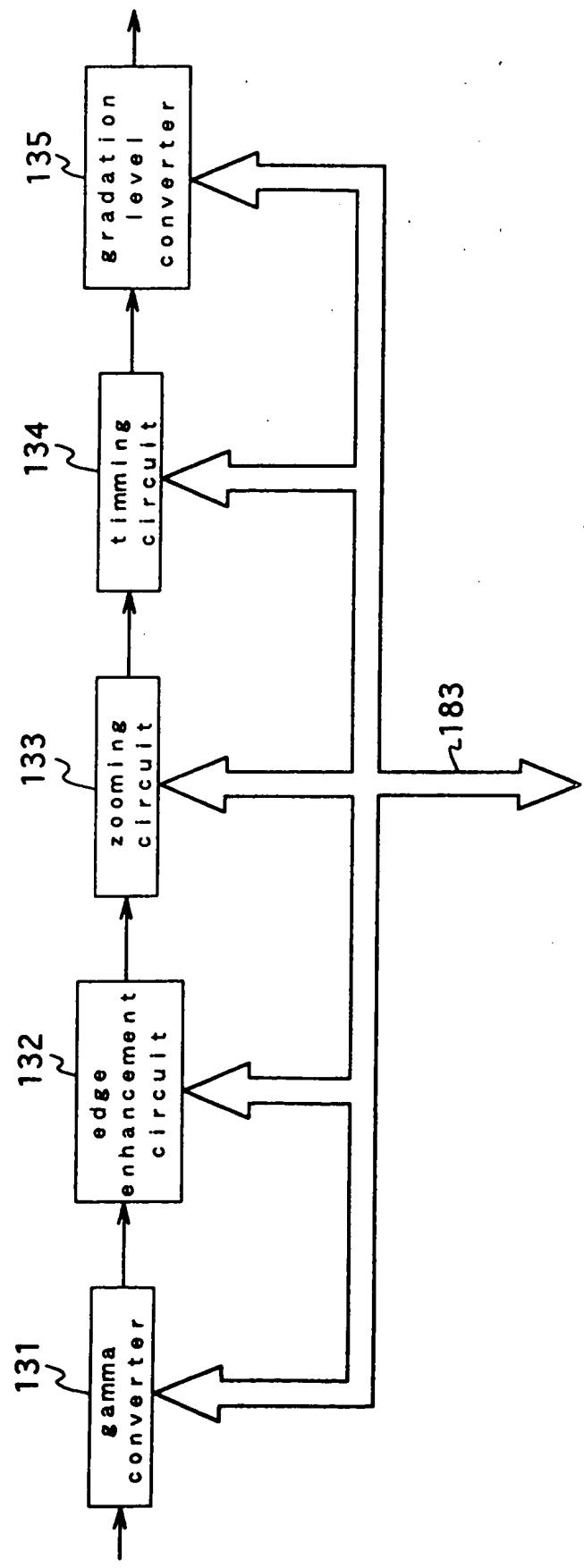
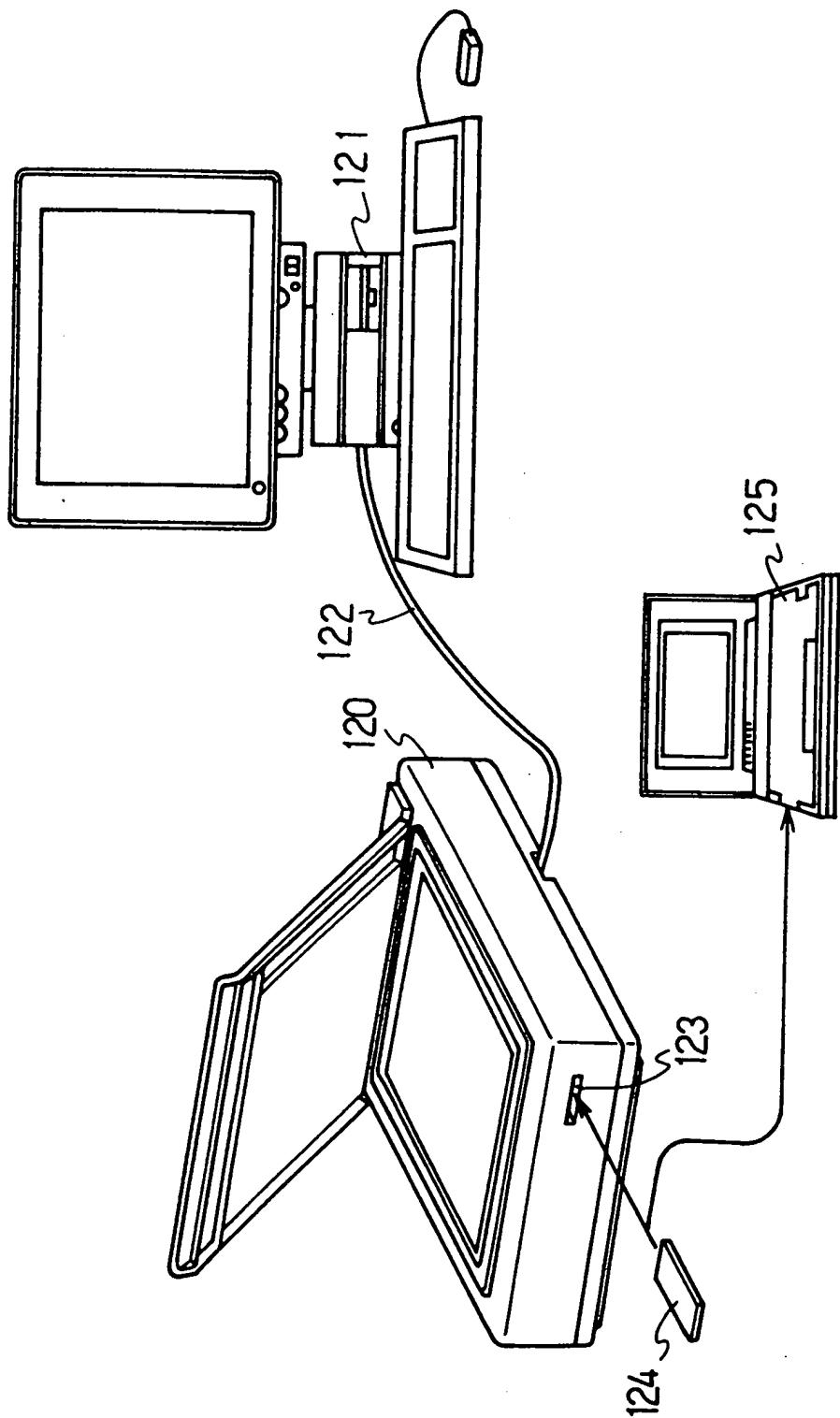


FIG. 15

FIG. 16



```
PaperSize      Auto,A4, A4R, B4, A3, B5, B5R
PaperFeed      Auto, ADF, FlatBed
MAXResolution  1200
MINResolution  25
GrayLevel      1, 4, 8
if GrayLevel==1 then Halftone BI,DT, ED
if GrayLevel==4 then Quantizing SIMPLE, DT, ED
FileFormat     TIFF, BMP, JPEG
if File Format==TIFF && Gray Level==1 then Compression G3,G4,RLE,NO
if File Format==TIFF && Gray Level==4 then Compression LZW,NO
if File Format==TIFF && Gray Level==8 then Compression LZW, JPEG, NO
if File Format==JPEG||Compression==JPEG then Compression Rate Normal,High,Low
Contrast       Auto, -2, -1, 0, 1, 2
Density        Auto, -2, -1, 0, 1, 2
EdgeEnhance    Auto, -2, -1, 0, 1, 2
ScanArea       No, Yes
ScanAreaUnit   mm
```

Scanning Function Dialong Box

Paper Size Auto OA4 OA4R OB4 OA3 OB5 OB5R

Paper Feed Auto OADF OFlatBed

Scanning Resolution [DPI] [25-1200]

Gray Level [BIT/PIXEL] 1 4 8

Halftone Processing Binarzing Dithering Error Diffusion

File Format TIFF BMP JPEG

Compression G3 G4 ORLE JPEG NO

Compression Rate High Normal Low

Contrast Auto 0-2 0-1 00 01 02

Density Auto 0-2 0-1 00 01 02

Edge Enhancement Auto 0-2 0-1 00 01 02

Scanning Area Setting No Yes

Scanning Area Upper-Left Position [mm] X= Y=

Scanning Area Length Upper-Left [mm] X= Y=

Data File Name

OK

Cancel

FIG. 18

Reset
PaperSize Auto
PaperFeed Auto
Resolution 100
GrayLevel 1
Halftone BI
FileFormat TIFF
Compression G4
Contrast Auto
Density Auto
EdgeEnhace Auto
ScanArea Yes
ScanAreaPosition 10, 20
ScanAreaLength 60, 70
DataFile sample.tif

FIG. 19

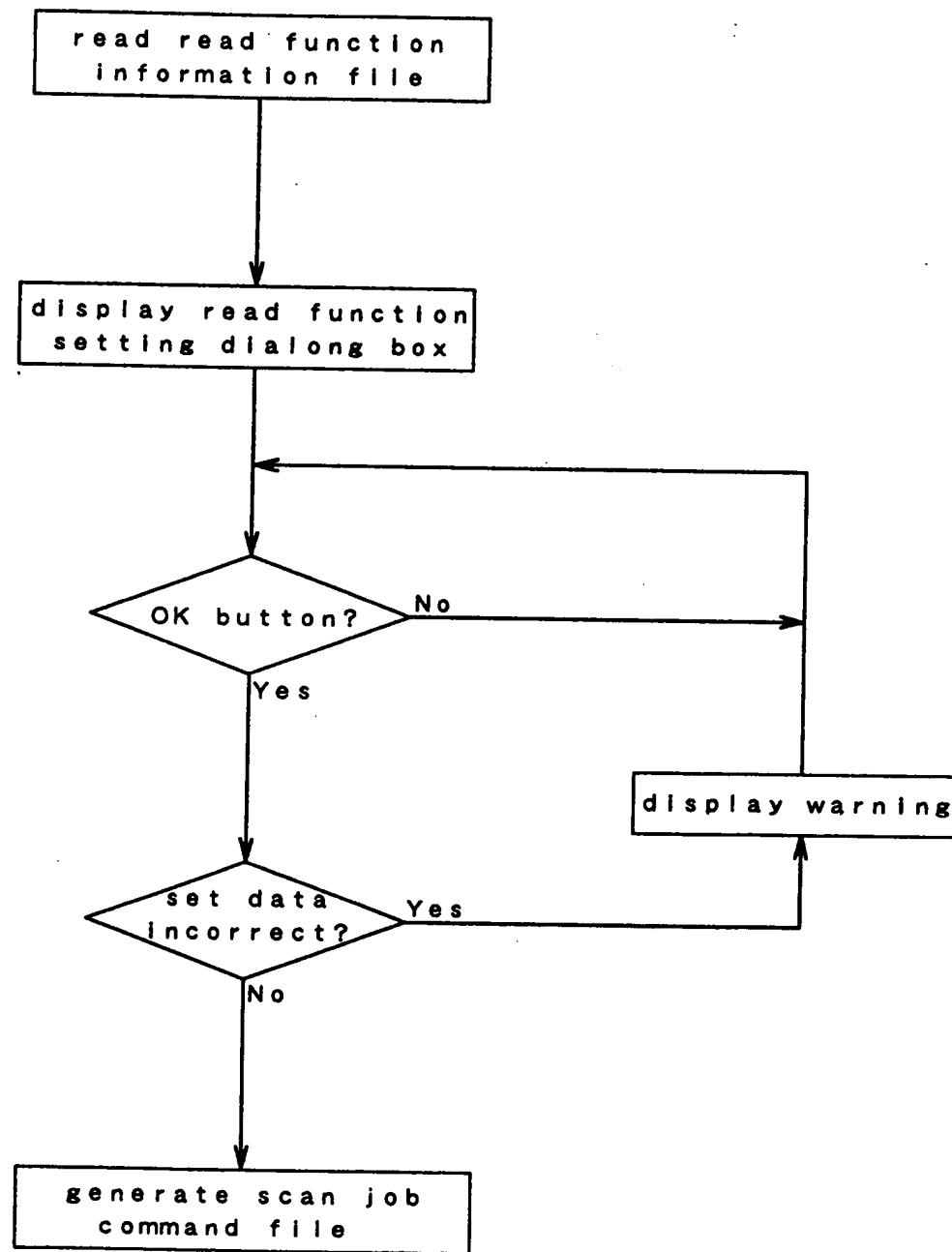


FIG. 20

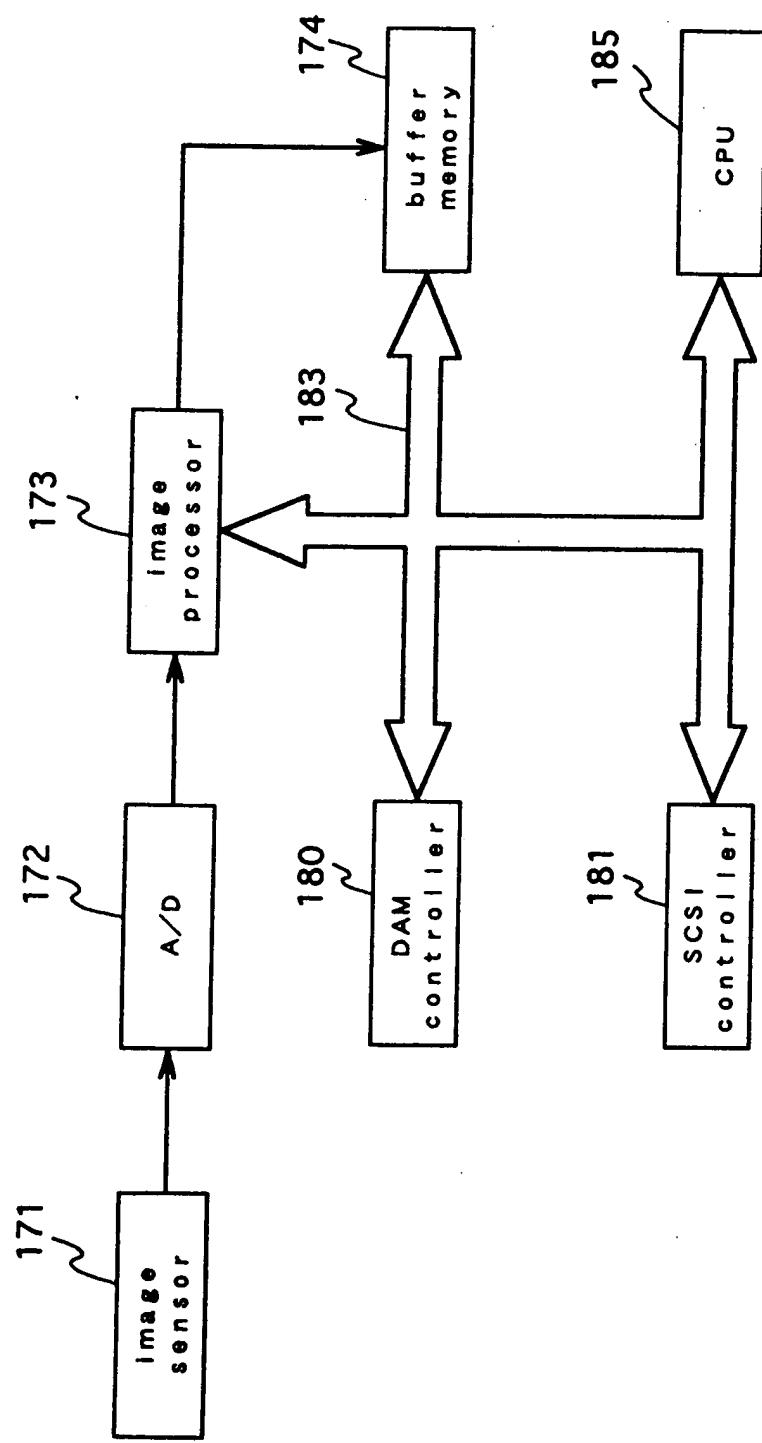


FIG. 21 (PRIOR ART)